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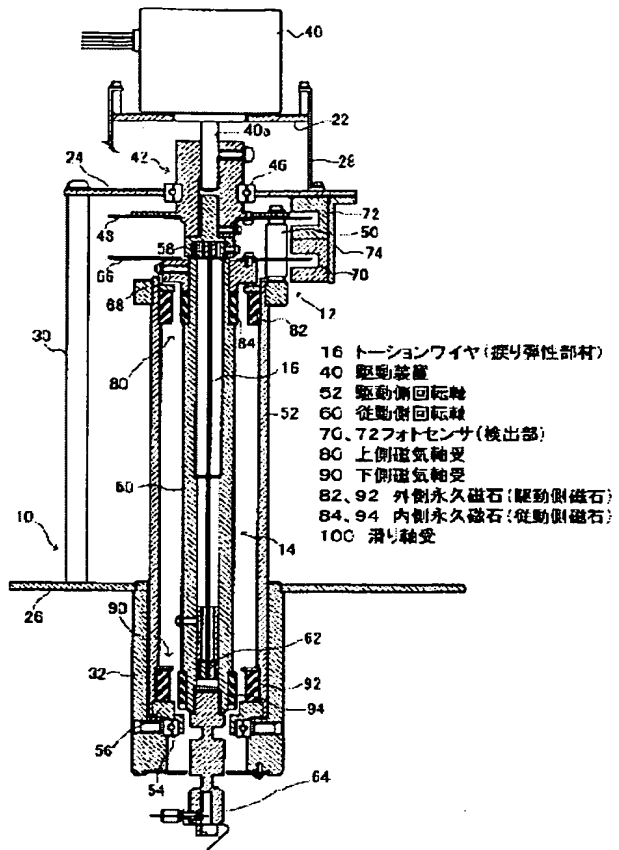
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INVENTOR : SAITO YASUHIKO;

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TITLE : ROTATIONAL VISCOMETER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a rotational viscometer which can support a driven rotary shaft, without friction and can be constituted inexpensively.

SOLUTION: Magnetic shafts 80 and 90 are set between a driving rotary shaft 52 and the driven rotary shaft 60. The magnetic shafts 80 and 90 are constituted of external permanent magnets 82 and 92 fixed to the driving rotary shaft 52 and inside permanent magnets 84 and 94 fixed to the driven rotary shaft 60 respectively. The outside permanent magnets 82 and 92 and the inside permanent magnets 84 and 94 are arranged coaxially via an appropriate interval, so as to always generate a magnetic repulsive force in the diametrical direction.

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